Ark 64 237 ,A7

EIGHTY-NINTH

Commencement Exercises

UNIVERSITY OF ARKANSAS

SATURDAY, JUNE 1, 1963



Program

Degrees Awarded

UNIVERSITY OF ARKANSAS LIDRARY AVK COU LD 237 A7

Degrees in Course

Presented by Guerdon D. Nichols, Dean of the College of Arts and Sciences

BACHELOR OF ARTS

Sharon Alexander **Judith Ann Arthurs** Verna Sue Austin Virginia Ann Ballou Charles Banks Robert A. Bell Lona Efnor Benedict James Robert Blackburn Eldon I. Brown Judy Isabelle Brown Spencer H. Brown, Jr. Dan Hollis Byars Dee George Carroll Jerry Winston Cavaneau Boyce Lockard Cearley, Jr. Johnny Ovan Cicuta Elizabeth A. Hellums Clayton William Paul Coe Kay Gentry Collett Roger Barrett Collins Christopher Dendy Corbin, Jr. James Loy Cox Mary Jane Hunt Cox Margaret Tippett Cravens Patricia Susan Crone Gerald L. Dahl Janice Kay Dandy Richard Love Daniel, Jr. Diana Daulton Marcella Dawn Thompson DeWitt Kay McCollum Robert Harrison Dickson, III Judith Edwards Ann Amerson Engeler John Edward Erickson Mildred Ann Erwin Lonnie Earl Estes Marian Azelle Estes Inalind Farmere Mary Lynn Felder John Ridgeway Fletcher H. K. Garth Mary Ellen Gaughan

William Neal Gray Russell Bigelow Gress, Jr. Charles Prentice Harrington James Kenneth Harrison Rebecca Jane Hawkins Billy Duane Hicks Havdn Walter Hicks Stephen Glenn Hild William Bertrand Hill Curtis Delough Hodge Nisha Gay Unsell Hoffman Bobby Joe Holcombe Elizabeth Cravens Hollenberg John Richard Jackson, Jr. James Robinson Jacobs Charles Thomas Lincoln Johnson Patricia Allene Johnson Suzanne Jones Melba Joyce Joslin Thomas Darrell Kennedy Nancy Jane Kerr Jane Gardner Landers Gypsy Lee Leslie Paul David Liles Mildred Elaine Martin Homer L. May, Jr. Dolly Wade McAdams Judith Anne McAlister Jerry Wright Burford McAninch Linda Karen McFarland Larry Lynwood McGowan Bill L. Mills Phyllis Anne Nelke Natalie Noland Judith Anna Nutt Jeff Gordon Pemberton George Louis Peters Susan Kirkland Pettus Sherry Lynn Pintado Jimmy Charles Pittman Tommy Ray Polk Hugh Hart Pollard

Mary Wheeler Prewitt Patricia Ann Pumphrey John C. Rains Celia Butler Rauth Jane Elizabeth Reagan Catherine Ellen Remmel George E. Ross Linda Elizabeth Rushton Jerry Sanders Wallace A. Saunders James H. Scott Kenneth L. Shireman Emaly Louise Shuman David Allen Sisemore Hope Sixbey Stein Ivar Soelberg Charles Franklin Stahr Lynda Fay Stair Thomas Wilcox Stephens Courtney Anne Stevens Mary Kay Stevenson William Jan Stover Mary Ellen Sullivan Barbara McKnight Sweeney Benny Edgar Swindell Randell T. Templeton Anne Elaine Thompson Belle Knight Thompson Judith Ann Thomson Martha Alice Tims Stephen Douglas Tollett Patti Lucille Trimble Jack Randolph Tucker, Jr. Jamie Irby Umsted Helen Jean Watson James M. Webb Bruce R. Williams DeAnne DuVall Wilmoth Bill Gordon Wilson Larry Taylor Wofford John Kelleam Woodruff George William Woods Hvun-Goo Yun

BACHELOR OF SCIENCE

Edward Stephen Amis, Jr. James Garland Blaylock Darrell Moss Bolding Calvin M. Bracy Teresa Rose Bryniarski Flora Ann Byars Larry Jean Chase Jerry L. Crouse Villiam Daniel Evans Lynnah Kay Fisher

Robert L. Graves

James Wilson Harper Hamilton R. Hart Ruth Carolyn Hill Wolford Rene Jordan Jane Kitchen Jim Charles Kizziar Charles Austin Ledbetter Philip Ray Meinert Joyce Ann Mikeska Frank Akira Nakamura Thomas Shotwell Padgett Lafayette E. Poole John Joseph Rea Fontaine Kelleam Richardson Bertie Roberts, Jr. David Paul Ross David John Sloop Jack Bernard Swift Donald Lloyd Yandell

BACHELOR OF MUSIC

Janet Hope Smith Clark

Nathan Privett

BACHELOR OF ARCHITECTURE

Willard Reppard Burks, Jr. John Ridgeway Fletcher Charles Prentice Harrington William Bertrand Hill

Larry Lynwood McGowan George Louis Peters Tommy Ray Polk Jerry Sanders

Kenneth L. Shireman Jack Randolph Tucker, Jr. James M. Webb Bill Gordon Wilson

Presented by Henry H. Kronenberg, Dean of the College of Education

BACHELOR OF SCIENCE IN EDUCATION

Charlotte Kay Anderson Judith Diann Armstrong Katherine Ann Baker Patricia Diane Balay John Danton Barkman Mary Mann Barnes Lois Brogdon Bassham Mary Cozette Beene Kathleen Lytle Bennett Elizabeth Ann Baker Beutelschies Paula Kay Hamm Nina Jane Bishop Gerald P. Brackin Jane Marie Brady Nancy Lee Wills Brown Robert Harold Brown Patricia Robbs Brunner Mae Lee Burson Edna Louise Burt Anna Elizabeth Cadwell Lela Mary Calhoun Betty Carol Campbell Susan Preston Canine Peggy Ann Carter Georgia Kay Butler Cathey Lvnda Sue Childers Nancy Elizabeth Cina Mary Ann Clark John Paul Cook Irmgard Koerber Corbin Carol Fave Rich Cosgrove Sandra Kay Crabtree Janett McNiel Crain Martha Wallace Crippen Jean E. Cummings Amy Dugan Daggett Sharon Jennings Daugherty Katholeen Roark Doshier Carolyn Rosalind Eason Bruce Leon Edington Jack Robert English

Joan Margaret Failla Junius M. Futrell Rebecca J. Gilliland Elisabeth Ann Gipson Karen Lee Giss Sandra Lovegrove Goodman Tomi Elizabeth Feathers Green Sylvia Ann Hack Helen K. Hall Beverly Gayle Hankins Lyna Jane Harriman Donna Joyce Harrison Eleanor M. Hatfield Judith Evans Helm Sandra Lucille Hillman Guyla Hixson Howard Gene Holt Wilma Stanley Horton Jerry R. Hughes Ralph W. Ingram Margie Carolyn Jackson Martha Marie Kimery Becky Lea Kincaid Celeste Thelma Jane Lawrence Margaret Dale Lawson Marilyn Ann London Carolyn Annette Luce George Ramey Mackey Margie B. McDaniel Susan Ethel McShane Leslie Grant McVey George E. Miller Nancy Lee Miller Flora June Mitchell Patsy Ann Moberly Theodore Mont, Jr. Shirley Ruth Moore Sonjia Kav Moore Thomas Edward Owens

Peggy Sue Murphy Parks Barbara Jolene Pendergrass Mary E. Snyder Pinkerton Sallie Ederington Prince Tack R. Profitt Billy Jack Rainwater Madelon Roberts Elizabeth LaVerne Rodgers Sonja Ann Rutledge Ronald A. Scott Eleanor Sue Seale Mary Susan Seeger Nancy Colleen Shannon Bobbie Ann Davis Sikes Mary JaNoel Smith Sally Bird Smoot Paul O. Sparkman Madelyn Louise Stanley James M. Starling, Jr. Betty June Stewart Vera W. Sullivan Carmen Flaine Summers Lillie Sue Sutton Brenda Barham Tate Nadine Fave Trolinger Theo M. Tucker Hope Van Meter Mira Anne Van Patten Rachel Corienne Hawkins Varnell Mary Lea Watkins James Otis Watson LaRue Westbrook Eddie Carolyn Halsey Whitehead Sandra Darlene Williams Linda Kay Wilson Nancy Jean Windle Patricia Bernice Winn Murl Mather Winters Ronald Keith Wood Janet Lorraine Wylie

Presented by George F. Branigan, Dean of the College of Engineering

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Henry Lee Cooper Jeff Russell Delezen James Maurice Duckett Joseph Arthur Gray, III

Jerry Lynn Johnson Ronald Dana Merritt Nicholas Charles Nahas Tillman Eugene Newman, Jr. Thomas Eugene Reames

Shirley Katherine Parker

Alvin Bryant Webb Edward G. Woods James Harold Woodson Thomas Randolph Young

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Raymond Leroy Brogley, Jr. Americ John Bryniarski John B. Cone, Jr. Robert Lewis Dallas David George Dodd Russell D. Fox

James Howard Frost Kenneth Ray Holley Donald Bruce Hunnicutt Douglas Eugene Meadows Donald Livingstone Mills Athanasios John Papageorge

James Cecil Pate Jerry Rowland Rogers Chester L. Shaw William E. Taylor Earl C. Wilson, Jr.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Charles Crawford Brazil
Larry G. Brown
Gary Wade Campbell
Paul Lamone Castleberry
Robert Morris Clinehens
Clarence Phillip Crippen
Balint Dezso
Ronald Howard Ezell
David Gene Gosnell
Gerald G. Graham
Marvin F. Griffin

Milton Lee Hardin
Paul Ed Harrison
James Reagan Herman, Jr.
William Harold Hodge
James Claudis Jacks, Jr.
Minor Ross Jenkins, Jr.
William W. Keaton, Jr.
Stephen Lowell Kooker
William H. Lacefield
Charles Franklin Long, III
Robert Roy Miner

Toshio Oishi Yvonne Smith Powers Philip Foy Rice Ralph Dale Rimmer Neil Martin Schmitt James Maxwell Skipper David Wesley Terry Jack Donald Tipton Harold C. Walker Ralph Walkingstick Lyle Russell Williams, Jr.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Ralph Gray Brodie Earnest William Fant Louis Kent Johnson Enayet Hossain Mallik Jerry Burr Seitz

William Richard Spencer Jerry R. Whitten

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

George A. Bavelis Raymond Dwight Fitzgibbon Warren Alfred Giss Donald Joe Graf Eddy Daniel Harrison Joel Thomas Hicks Alexander MacLean, III Virgil Howard Newman John Stephen O'Kelley William Robert Parker Allan Wayne Parse Richard J. Poe James D. Reeves Sanford Lee Varnell, Jr. William Otis Vaughn James Robert Wise

Presented by Gerald T. Hudson, Dean of the College of Agriculture and Home Economics

BACHELOR OF SCIENCE IN AGRICULTURE

Gilberto Alcides Alvarez-T Jarrell Summerfield Austin Donald Steven Baker James L. Barrentine John W. Blocker Edmond Ray Brewer Dale Grover Brown Elvin D. Brown Kenneth D. Cofer Frederick Clinton Collins Gerald Lee Dean David Brian Fields
Kenneth Max Ford
Jerry Don Friddle
Donald Wayne Griscom
William T. Hairr
George D. Hall
John Charles Harris
Larry Lee Herbaugh
Jimmy Ray Johnson
Jerry Lee Keeter
Larry Allen Lewis
Edward Paul Mason

Trenton H. McCarver
Jesse D. McCrory
James Franklin Northup
Chester Max Parnell
Robert E. Pianalto
Harold Shook
Joseph Michael Sprott
Charles W. Taylor
David Q. Tollett
Jim Lee Wallace
James Owen Yandell

BACHELOR OF SCIENCE IN HOME ECONOMICS

Wilma Lea Blevins
Judith Sue Crawford
Lynda Kay Davis
Catsy Collard Gunn
Mary Frances Harrison
Sharon Lynn Horton
Fern Hubbard

John G. Feilke

Carolyn Raley Ivester Evelyn Benson Jackson Leota Carole Lane Carolyn Louise Linam Susan Linebarger Layla Miller Lord Sandra Sue Pate Molly Ann Penix Judith Ann Phillips Joyce Plumlee Sara Hoffmeister Spencer Roberta Switzer Stewart Alice C. Wingfield

Presented by Paul W. Milam, Dean of the College of Business Administration

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Houston Harry Alexander
Leta Ann Awtry
Betty Ruth Baker
Leland Alfred Bancroft
James Harry Bassham
Joe Vance Bauer
Edwina Bess Beasley
James Kent Bedell
Billy Warren Bell
Jerry Berry
Kenneth Lynn Blankenship

Marvin L. Boatman William Bradley Brady Winfred A. Breitkreuz Joe Keith Bridgforth Richard E. Cadieux William Bernard Caruthers Phillip E. Cate Jack Batson Cato John Phillip Cobb William Clitus Coe, Jr. Stacy Cogbill

James E. Cornelius Trent E. Cowart Larry Paul Crain William Steve Crain Jesse Boomer Daggett, II Carole Jean Dennis Ed F. DePriest Jane Dills Barbara Anita Duncan Roger Dan Edwards Fletcher Eugene Elsberry

Joe Donnelly Fee, Jr. Sue Clair Fincher Frank Fletcher, Jr. George Edward Fraley Paul Ray Garrett Betty Carolyn Geurin Jack Weber Geurin Gaston Pelham Gibson, Jr. Barbara Jean Henry Gilbreath Edris Johanna Gooch Lanny K. Gorman William Waller Green John Wayne Greenert James L. Grigsby Ralph C. Hamner, Jr. Dorothy Ann Harkey Monika Hartstein Brenda Gail Heck Cora Ruth Hightower John M. Hill Billy Osco Honeycutt Edmund W. Hurlbut Gary Robert Hutson Richard Francis Jendrysik Linda Lee Johns Lloyd Thomas Jones Gerald W. Kellogg Henry Herman Ketcher, III Elizabeth L. King Donna Rae Kirk Vicki Borman Knight David Michael Koonce

Suzanne Lane Carter King Laughlin James M. Leonard Larry Edward Lichty Thomas Scott Lovett, III Lee Lum, Jr. James Frank Lyon, Jr. Sidney Marx John Berton Mayes W. Neil Maynard Bernie Bryant McCarley, Jr. Julie Ann McClain James H. McKenzie George Gordon Mitchell Billy Ray Moore Boyce Freeman Moore James Alan Morrison Robert Oxford Nason, Jr. James Elwin Nix Charlotte Lillian Norton David Lewis Owens Jerry M. Owens Dianne Simpson Proctor Hugh B. Proctor, Jr. David Tracy Putnam John W. Ramsey, Jr. John Rayborn Regan Nancy Marie Ritchie Bill M. Robertson Matthew H. Rothert, Jr.

Thomas Patrick Seav Jerold Brent Shinall James Kenneth Shollmier Samuel McLoud Sicard David Albert Sidwell Jimmy E. Smith Ann Robin Southerland Jeanne Speakman Donald L. Stamps Jerry Clarence Stamps John David Stamps David Alan Stewart Louis M. Strasner Adrian Curtis Stuart James Hyatt Suddreth Loyd Ray Swope James Stewart Tate Katie Nell Taylor Theodore Charles Treadway, III Robert McLean Wagner Loren Anton Walla Karen Kay Warren William David Watkins George R. Weatherton Gary Francis Weaver Rovce Stewart Weisenberger, Jr. Phillip Maurice West Charles Basil Whiteside, III Don Clarence Willard Jackson Levin Williams Mollie C. Haley Wilson Gene Edward Witte Thomas Grady Wright

BACHELOR OF SCIENCE IN INDUSTRIAL MANAGEMENT

Carl Edward Beutelschies John Martin Burns

Ewald G. Kruggel

Lawson Chester McBride Allan David O'Dell

Nolan Lee Rushing, Jr.

Linda Stephens Ryall

Jerry Thomas Scott

Kenneth Oliver, Jr. Michael Alan Snetzer

Presented by Ralph Barnhart, Dean of the School of Law

BACHELOR OF LAWS

Beryl Franklin Anthony, Jr. Kelley Roger Asbury Jerry Berry Robert Gilbert Brockmann J. Winston Bryant James Altus Buttry O. Worth Camp, Jr. Jon Alan Dermott Jay Woodson Dickey, Jr.

Lindsey Johnson Fairley Charles David Furrow David Fetters Gillison, Jr. William Waller Green Doyle JuaDon Huneycutt Glenn Welch Jones, Jr. Bernie Kustoff Charles Roland Ledbetter Leslie E. Mack

Thomas C. McRae Nicholas Harrel Patton John Samuel Selig John Wesley Simmons Kenneth Ronald Smith Lewis Dawson Smith W. Read Smith James Macon Walton

Presented by Virgil W. Adkisson, Dean of the Graduate School

MASTER OF ARTS

Larry Durwood Ball (History) B. A., Arkansas State College

Charles Frederick Bartell (Psychology)

B. A., Southern State College

Daniel Lacy Boone (English) B. A., Abilene Christian College

Carol Kay Christiansen (Comparative Literature)

B. A., Cornell College

Hunter McKelva Cole (English)

B. A., Millsaps College

Leila Josephine Collie (English)

A. B., Quachita Baptist College

Charles Spencer Curb (English)

B. A., McMurry College

Virginia Upton Daugherty (English)

B. A., Hendrix College

Michael M. Davis (Spanish)

B. A., University of Arkansas

David P. Dussere (English) B. A., Concordia College

Emily Robbins Hart (English)

B. A., East Texas State College

Joseph Gaston Hebert (English)

A. B., St. John's Seminary

Duane Lee Hunt (Speech & Drama)

B. A., Southwest Missouri State College Carl Lewis Kell (Speech & Drama)

B. A., Ouachita Baptist College

Earl Lucas McCarroll, Jr. (Speech & Drama) B. A., Duke University

Henry William Mertens (Psychology)

A. B., University of Missouri

Paul A. Pickhardt (Spanish) B. A., Arkansas State Teachers College

Harriet Jane Rudolph (Speech & Drama)

B. S., University of Arkansas

Elizabeth Louise Johnston Rushing (English)

B. A., University of Arkansas

Rheta Speakman (Speech & Drama)

B. A., University of Arkansas

John Russell Stork (Speech & Drama)

B. A., Central State College

Martha Clark Sutherland (Humanities)

B. F. A., Carnegie Institute of Technology

Gwen Elaine Theis (Speech & Drama)

B. S., Southwest Missouri State College

Kay Wells Trumbo (History)

B. A., University of Arkansas

William Rochelle Vance (Mathematics)

B. A., University of Texas

Mary Elizabeth White (English)

B. A., McMurry College

Ray Lewis White (English)

B. A., Emory & Henry College -

MASTER OF SCIENCE

Victor G. Attwood (Entomology)

B. S. A., University of Arkansas

Hershel Olis Barnett (General Agriculture)

B. S. A., University of Arkansas

John W. Bell (Animal Nutrition)

B. S. A., University of Arkansas

Raymond Vitus Biondo (Biochemistry)

A. B., Colorado State College

Gilbert Anthony Castro (Zoology)

B. S., Lamar State College of Technology

Robert Bryant Cleaver (Instrumental Science)

A. B., Catawba College

Lathan Bernard Daniels (Animal Physiology)

B. S. A., University of Arkansas

Charles Frederick Fowler (Physics)

B. S., Arkansas State Teachers College

Roy Joseph Fuller (Mathematics)

B. S. E. E., University of Arkansas

Joe Lee Gaston (Agronomy) B. S. A., University of Arkansas

Milton O. Gilbreath (Natural Sciences)

B. S. A., University of Arkansas M. S., University of Arkansas

Sally Ann Goforth (Psychology)

B. A., University of Arkansas

Robert E. Graham, Jr. (Physics)

B. S., Tulsa University

Lynda Shapiro Halpern (Zoology)

B. A., University of Arkansas

Robert J. Haney (General Agriculture)

B. S. A., University of Arkansas

Bonnie Mercedes Morse Harder (Social Welfare)

B. A., Texas Christian University M. Ed., University of Arkansas

Jim Finton Harper (Natural Sciences)

B. S., East Texas State College M. Ed., East Texas State College

Loren Gilbert Hill (Zoology)

B. S., West Texas State College

Gilbert Ray Hollis (Animal Nutrition)

B. S. A., University of Arkansas

Jon Paul Jamison (Zoology)

B. A., Occidental College

Freida Ann Jones (Chemistry)

B. A., University of Arkansas M. S., University of Arkansas

Kyung Soo Kim (Zoology)

B. S., Kyung-Pook National University

Forrest Eugene Lane (Botany)

B. A., University of Arkansas M. Ed., University of Arkansas

Arthur T. McDaniel (Horticulture)

B. S. A., Southeastern Teachers College

Mary Joyce McGoodwin (Foods & Nutrition)

B. S., Oklahoma A. & M. College

Joe Franklin Nix (Chemistry)

B. S., Ouachita Baptist College

Bryan Dee Palmer (Chemistry)

A. B., Fort Hays Kansas State College

Earl F. Pettyjohn (Rural Sociology)

B. S. A., University of Arkansas

Donald K. Potter (Poultry Nutrition)

B. S. A. University of Arkansas

Phillip Ray Rowe (Horticulture)

B. S. A., University of Arkansas

Alfred Lee Short (Physiology)

B. Sc., University of Nebraska

Albert Lee Spangler (Mathematics)

B. S., University of Arkansas

Ronald Stanley (Botany)

B. S., University of Arkansas

Odell Nolan Stivers (Agricultural Science)

B. S. A., University of Arkansas

Donald Arthur Ward (Dairy Husbandry)

B. S. A., University of Arkansas

Mary Carolyn Bruce Ward (Home Economics)

B. S. H. E., University of Arkansas

Leon Bradley Warren (General Agriculture)

B. S. A., University of Arkansas Robert Howard Watson (Botany)

B. S. A., University of Arkansas

Jack C. White (Geology)

B. S., University of Arkansas

Howard Samuel Young (General Agriculture)

B. S. A., University of Arkansas

MASTER OF BUSINESS ADMINISTRATION

Howard Milton Alsey

B. S., Arkansas State College

Patricia Ingram Garland

Herman Joseph Kuemmerle

B. S., Christian Brothers Academy

Jack Logan
B. B. A., Memphis State University

MASTER OF EDUCATION

Donna Jean Alley (Music Education)

B. S., Louisiana Polytechnic Institute

B. S. E., University of Arkansas

Philip L. Arman (Physical Education)

B. S., Southern State College

Thelma Williams Banks (Elementary Education)

B. S., Arkansas A. M. & N. College

Charles M. Berger, Jr. (Vocational Education)

B. A., Hendrix College

Rema Clinehens (Secondary Education)

B. S. E., University of Arkansas

Lou Verdell Deevers (Elementary Education)

B. S., Arkansas Polytechnic College

Clara W. Fleming (Elementary Education)

B. S. E., Arkansas State Teachers College

Alma Smith Hildreth (Elementary Education)

B. S., Grambling College of Louisiana

Marjorie David Hubbard (Elementary Education)

B. S. E., Henderson State Teachers College

Patricia Humphries (Elementary Education) B. S. S. W., University of Arkansas Neil Edward Jackson (Vocational Education)

B. S. A., University of Arkansas

Clara Synobia Dickson Jones (Vocational Education) Nancy Belle Plowman (Secondary Education) B. S. E., University of Arkansas

Frank Meyers Jones (Educational Administration) B. S. E., University of Arkansas

Raymond B. Jones (Educational Administration) B. S. E., University of Arkansas

Bernice Lamb McSwain (Elementary Education) B. S., Arkansas A. M. & N. College

Dorothy Dodd Miller (Vocational Education) B. A., Centenary College

Betty Ruth Etheridge Morse (Elementary Education) Annie Laurie Savage (Elementary Education) B. S. H. E., University of Arkansas

Margaret Alice Myers (Music Education)

B. S. E., University of Arkansas

Bonnie Lou Nickell Paschal (Secondary Education) B. S. E., University of Arkansas

B. A., University of Arkansas

Clara Ella Powell (Vocational Education) B. A., Baylor University

Jack R. Profitt (Vocational Education) B. S. E., University of Arkansas

Dorothy K. Rappeport (Elementary Education) B. F. A., Newcomb College

Dorothea Jean Reed (Secondary Education) B. S. E., University of Arkansas

B. A., Louisiana College

Rebecca Wasson Shreve (Physical Education) B. S. E., University of Arkansas

MASTER OF SCIENCE IN AGRICULTURAL ENGINEERING

Glenn S. Nelson (Agricultural Engineering) B. S., Texas A. & M. College

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Charles Edwin Prince (Chemical Engineering) B. S. Ch. E., University of Arkansas

MASTER OF SCIENCE IN ENGINEERING

Robert Louis Kumpe, Jr. (Engineering) B. S. C. E., University of Arkansas

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Jack Llano Boone (Electrical Engineering) B. S. E. E., University of Arkansas

James Buford Sivley (Electrical Engineering) B. S. E. E., University of Arkansas

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

James J. Brennan (Industrial Engineering)

B. S. E. E., Iowa State College

Lloyd L. Dunlap, Jr. (Industrial Engineering) B. S., United States Military Academy

Venkatasamappa Hanumanthappa

(Industrial Engineering)

B. E., University of Mysore, Bangalore, India M. S. M. E., University of Arkansas

Murl Wayne Parker (Industrial Engineering) B. S. I. E., University of Arkansas

William E. Shaffer (Industrial Engineering) B. S. E. E., University of Illinois

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Donald D. Schofield (Mechanical Engineering) B. S. M. E., University of Arkansas

MASTER OF MUSIC

Melvin Malone Ballard (Music) B. M., Henderson State Teachers College

Willard L. Oplinger (Voice) B. Ed., Oberlin College & Conservatory of Music B. M. E., Oberlin College & Conservatory of Music

MASTER OF FINE ARTS

Janice Hamm (Art) B. A., East Texas State College

Earl Van Veeten Staley (Art) B. A., Illinois Weslyan University

DIPLOMA OF ADVANCED STUDY

Frederick K. Bellott (Educational Administration)

B. S. E., Arkansas A. & M. College M. Ed., University of Arkansas

Walter Edward Brooks (Educational Administration)

B. A., Hendrix College M. Ed., University of Arkansas

Carlton Robert Hasley, Sr.

(Educational Administration)

B. S. E., Henderson State Teachers College M. S., East Texas State College

John "A" Scott (Vocational Education)

B. S., Oklahoma A. & M. College M. S., University of Arkansas

Cecil E. Shuffield (Educational Administration)

B. A., Ouachita Baptist College A. M., George Peabody College for Teachers

M. Otto Turner (Vocational Education)

B. S., Arkansas State Teachers College M. Ed., University of Arkansas

DOCTOR OF EDUCATION

William I. Brewington (Vocational Education)

B. S. E., University of Arkansas M. Ed., University of Arkansas

Dissertation: "A Statistical Analysis of Low Achieving and High Achieving Freshman Chemistry Students at the University of Arkansas."

Don William Casey (Educational Administration)

B. S. E., University of Arkansas M. Ed., University of Arkansas

Dissertation: "An Analysis of Procedures for Effective School District Reorganization in Arkansas."

B. E. Coody (Secondary Education)

B. S., Northwestern State College, Louisiana M. Ed., Stephen F. Austin State College

Dissertation: "A Study of the Effectiveness of the Techniques and Procedures Employed for Orienting New Teachers in Selected Schools in Louisiana."

Michael Lee Hawkins (Educational Administration)

A. B., Southwestern College, Kansas M. S., Florida State University

Dissertation: "A Plan for a Continuing Survey of the Characteristics of the Public School Teachers of Arkansas Using Machine Data Processing Procedures."

Robert Owen Highland (Secondary Education)

B. M. E., University of Oklahoma M. M. E., University of Oklahoma

Dissertation: "An Appraisal of Music Offerings and Practices in Arkansas Public Secondary Schools as They Relate to Recommended Principles of Music Education."

Marlin Powell Hines (Vocational Education)

B. A., Ouachita Baptist College
M. Ed., University of Arkansas
Dissertation: "The Relationship of Achievement Level to Certain Personality Factors Among High School Seniors."

Kenneth A. Holland (Physical Education)

B. S. E., University of Arkansas M. S., University of Arkansas

Dissertation: "The Predictive Value of Selected Variables in Determining the Ability to Play Basketball in Small High Schools."

Marjorie Dildy Holland (Secondary Education)

B. S. E., University of Arkansas
M. S., University of Arkansas
Dissertation: "A Study of the Relationship Between the Preparation of Teachers of English and the Achievement of Their Students."

Haskin Richard Pounds (Educational Administration)

B. S. E., Henderson State Teachers College
M. Ed., University of Arkansas
Dissertation: "A Study of Problems Perceived by the Superintendents of Schools in Arkansas."

William Jerre Stanley (Physical Education)

B. S., Arkansas Polytechnic College M. Ed., University of Arkansas

Dissertation: "The Effects of Calisthenics and Game Type Programs on the Physical Fitness of Elementary School Children."

John Marshall R. Stevenson (Secondary Education)

A. B., Arkansas A. M. & N. College M. A., University of Arkansas

Dissertation: "A Bi-Racial Analysis of Attitudes and Practices of Administrators Regarding the Speech Curriculum in Arkansas Public High Schools."

Joseph P. Sweat (Educational Administration)

B. S. B. A., University of Arkansas
M. S., University of Arkansas
Dissertation: "The Influence of Author/tarian-Democratic Personality Traits of High School Principals on Teacher Morale."

Audrey Ardett White (Elementary Education)

B. A., Buena Vista College
M. Ed., University of Arkansas
Dissertation: "Insights Into the Relationship Between Children's Self-Concepts and Their Academic Achievement."

DOCTOR OF PHILOSOPHY

Knox McLeod Broom, Jr. (Chemistry) B. A., Mississippi Southern College M. S., University of Arkansas

Dissertation: "2.95 Mev and 14.8 Mev Neutron-Induced Fission of Th 232."

James Alford Gunn, Jr. (Business Administration)

B. S. B. A., University of Arkansas M. B. A., University of Arkansas

Dissertation: "An Evaluation of Arkansas' Proposed Corporation Code-Accounting Requirements."

Robert Fred Gwinner, Jr. (Business Administration)

B. S., Mississippi Southern College
M. B. A., University of Arkansas
Dissertation: "An Analysis of the Travel Industry in the State of Wyoming."

William A. Heffelfinger (Business Administration)

B. S. P. A., University of Arkansas M. B. A., University of Arkansas

Dissertation: "Some Aspects of Industrial Capital Formation Via Local Government Bond Issues,"

B. S., University of Arkansas M. S., University of Arkansas

Dissertation: "Electromotive Force Studies of Cadmium Chloride in Water, Water-Methanol, Water-Ethanol, Methanol and Ethanol Solvents."

Thomas W. Hogan (Psychology)

B. A., University of Florida
M. A., University of Arkansas
Dissertation: "Light Change as a Reinforcer for Bar Pressing in Mice."

Jerry Lynn Jones (Chemistry)

B. A., Oklahoma A. & M. College M. S., Oklahoma State University Dissertation: "Precipitation from Homogeneous Solutions of Mixed Solvents."

Manchery Prabhakara Menon (Chemistry)

B. Sc., University of Madras M. S., Agra University, India

Dissertation: "14 Mev Neutron-induced and Spontaneous Fission of Uranium-238 in the Rare Earths Region."

Robin Gale Moore (Engineering)

B. S. Ch. E., University of Arkansas
M. S. Ch. E., University of Arkansas
Dissertation: "Streaming Potential Study of Turbulence."

Waldean Glenn Rapp (Chemistry)

B. S., Ottawa University
M. S., University of Arkansas
Dissertation: "The Effect of Alloxan Diabetes on the de novo Synthesis of the Adenosine Phosphates in Liver."

Ellen Archer Young (Biochemistry)

B. S., Pennsylvania College for Women M. S., University of Arkansas

Dissertation: "Synthesis and Biological Properties of Peptides of a-Aminoisobutyric Acid."

Honorary Degrees

DOCTOR OF LAWS

William Ray Forrester

Harold Fred Ohlendorf

Citations

DISTINGUISHED ALUMNUS

George W. Streepey

Sara Thom

James W. Trimble

Amards

TRUSTEE EMERITUS

T. H. Alford William M. Campbell L. C. Carter F. A. Corn Jay W. Dickey Hal Douglas Dr. C. E. Dungan Mrs. Annie D. Futrall

Joe C. Hardin

JUN 13 1963 ALOL A

Marvin A. Hathcoat A. B. Hill Miss Pauline Hoeltzel Joe S. Mahony Hugh Park J. G. Ragsdale Z. L. Reagan Raymond Rebsamen Dr. Carl A. Rosenbaum

Brooks Shults

Clifford Smith Dr. Euclid Smith Jack Stephens Paul Sullins Beloit Taylor Herbert L. Thomas Earl Williams J. R. Wilson Henry S. Yocum

NOTE - The above list contains the names of all prospective degree candidates and is not an official list of those actually receiving degrees.

Commencement Exercises

University of Arkansas

Saturday, June 1, 1963

PROGRAM

Carilonic Bells Recital — 4:30 - 5:00 Nathan Privitt
Processional University Band RICHARD WORTHINGTON, Director
The Star Spangled Banner
Prayer
Commencement Address
Conferring of Degrees
Presentation of Diplomas
Conferring of Honorary Degrees, Citations and Awards
Alma Mater
Pure as the dawn on the brow of thy beauty Watches thy Soul from the mountains of God Over the fates of thy children departed Far from the land where their footsteps have trod Beacon of hope in thy ways dreary lighted, Pride of our hearts that are loyal and true; From those who adore unto one who adores us, Mother of Mothers, we sing unto you. — By Brodie Payne
Benediction
Recessional University Band Richard Worthington, Director